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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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First Named Inventor:	Yumman Chan	Assignee:	International Business Machines Corporation
Application No.:	10/033,746	Customer No.:	24852
Confirmation No.:	8990	Group Art Unit:	2162
Filing Date:	December 19, 2001	Examiner:	Isaac M. Woo
Title	Method and Apparatus for Editing a Production Data Store by Shadowing Content		

CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. §1.8(a)

I hereby certify that this paper is being facsimile transmitted to 571-273-8300 of the U.S. Patent and Trademark Office on the date indicated below.

Date: 9/23/05	Number of pages transmitted: 5
Name of person certifying: Debra Renee Fennern	Signature: Debra Renee Fennern

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-145

REVOCATION AND POWER OF ATTORNEY

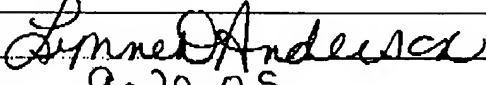
I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application and appoint practitioners at

Customer Number: 46,156

as our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected herewith.

Please change the correspondence address for the above-identified application to the above-mentioned Customer Number.

SIGNATURE of Assignee of Record of entire interest (Statement under 37 CFR 3.73(b) is enclosed)

Name	Lynne D. Anderson	Registration Number: 46,412
Signature		
Date	9-20-05	
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.		
Total of 3 forms are submitted		

Docket No.: CA920010082US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:	Yumman Chan	Assignee:	International Business Machines Corporation
Application No.:	10/033,746	Customer No.:	24852
Confirmation No.:	8990	Group Art Unit:	2162
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Title	Method and Apparatus for Editing a Production Data Store by Shadowing Content		

CERTIFICATE UNDER 37 C.F.R. §3.73(b)

INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation organized and existing under the laws of the State of New York, having a place of business at New Orchard Road, Armonk, New York 10504, certifies that it is the assignee of the entire right, title, and interest in the patent application identified above by virtue of:

An assignment from the inventors, Yumman Chan, David B. Flaxer, Brenda Miu-To, Lam, Wan Ngai W. Lee, to International Business Machines Corporation, of the patent application identified above. The assignment was recorded in the U.S. Patent and Trademark office April 1, 2002, at Recd/Framc 012783/0351 (copy attached).

INTERNATIONAL BUSINESS MACHINES CORPORATION owns 100% interest in the above-identified patent application.

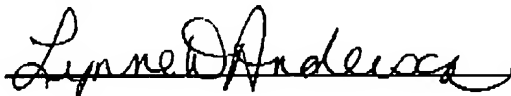
The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, as the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Dated:

9-20-05

By:



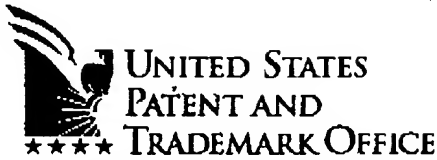
Lynne D. Anderson, Reg.No. 46,412

Program Manager

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JUNE 11, 2002

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Washington, DC 20231
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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/01/2002

REEL/FRAME: 012783/0351
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

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DOC DATE: 02/25/2002

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DOC DATE: 02/19/2002

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DOC DATE: 02/25/2002

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DOC DATE: 02/25/2002

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PATENT NUMBER:

FILING DATE: 12/19/2001
ISSUE DATE:

2005-09-23 15:48

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1408-463-4393 >> USPTO

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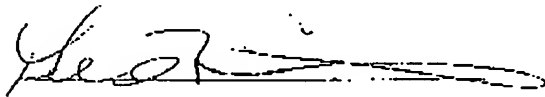
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STEVEN POST, EXAMINER
ASSIGNMENT DIVISION
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LETTER OF AUTHORITY

I, Gerald Rosenthal, Vice President, Intellectual Property and Licensing of International Business Machines Corporation (IBM), a New York corporation, do hereby delegate the authority to approve and execute documents on behalf of IBM relating to proceedings in the Patent, Trademark Registration or Copyright Offices servicing any country or region of the world, or to related appeal proceedings, including, but not limited to: petitions; powers of Attorney; authorizations; verification; nominations of representatives; declarations; documents relating to maintenance and defense of the resulting industrial property rights; assignments of rights to apply for and acquire patents and trademark registrations; and evidence of such assignments; requests for the registration of patents as available for licensing; reports of inventions and petitions for waiver of patent rights to any department or agency of the United States Government; and, assignments, licenses and other instruments confirmatory of Government rights in patents and inventions, to Lynne D. Anderson, Program Manager, Patent Office Liaison.

Date: April 6, 2004



Gerald Rosenthal
Vice President, Intellectual Property & Licensing
International Business Machines Corporation